

擬木蓮, 木蘭科之一新屬

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PARAMANGLIETIA, A NEW GENUS OF MAGNOLIACEAE

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擬木蓮 *Paramanglietia*, Hu et Cheng 新屬。

常綠喬木; 葉全緣, 托葉與葉柄上面基部結合而生。花具兩性, 單生小枝頂端; 花被瓣四輪排列, 每輪三個共十一個; 小蕊多數; 心皮羣無柄; 心皮多數, 各有三至四個胚珠; 果球形, 成熟心皮厚, 木質, 沿腹縫開裂, 頂端平闊成截形。種子三四個, 有假種皮。

此屬與木蓮屬 (*Manglietia*) 甚為相近, 其不同處為 (1) 成熟心皮厚木質, 僅沿腹縫開裂, 頂端闊成截形, (2) 心皮, 具三至四個胚珠。

此屬只有一種產於中國。

擬木蓮 *Paramanglietia aromatica* (Dandy) Hu et Cheng, 新名
Manglietia aromatica Dandy.

常綠喬木, 高達十五公尺, 胸高直徑五十公分, 小枝初具密生短而平貼之銹褐色毛, 後漸無毛。葉橢圓狀倒卵形, 闊倒卵形稀橢圓形, 革質或薄革質, 長十九至二十八·七公分, 闊六·六至十一·四公分, 頂端尖或短急尖, 基部楔形, 中脈在上面凹陷, 在下面凸起, 側脈二十至二十三對, 互生或幾對生, 近邊緣處弓彎與環結, 成六十度角, 小脈顯著; 葉柄無毛, 長二·五至三·五公分, 基部肥大, 上面具托葉疤痕。花具兩性, 頂生, 白色或黃綠色, 花被瓣十一個; 小蕊多數; 心皮多數, 各有三四個胚珠; 果圓卵形或球形, 紫色, 直徑七·五公分, 基部心臟形。成熟心皮厚木質, 分離, 長二·五至三·三公分, 頂端大, 成截形, 沿腹縫開裂; 種子三四個, 有假種皮。

廣西: 百色縣, 八角山; 秦仁昌 7413 號, *Manglietia aromatica*, Dandy 之模式標本。

雲南: 西畴縣, 法斗; 王啓無 85683 號; 廣南縣; 王啓無 87854 號; 富寧縣; 龍邁; 王啓無 88754 號。

Paramanglietia, gen. nov.

Flores solitarii, terminales. Perianthium 4-cyclicum, 3-merum; tepala 11; stamina numerosissima; gynaeceum sessile; fructus globosus; carpella matura libera, crasse lignosa, ad suturam ventralem omnino dehiscentia. Semina 3-4, libera, omnino arillata, funiculo

ñliformi suspensa.—Arbor. Folia integra; petiolous supra cicatrisatus; stipulae petiolo basi adnatae.

Species 1 endemic in China. Type species: *Paramanglietia aromatica* Hu et Cheng. (*Manglietia aromatica* Dandy).

This genus differs from *Manglietia* in the globose fruits with thick woody mature carpels truncate at apex and dehiscent completely along the ventral suture only, and in the ovules 3-4 in each carpel. Dandy in discussing the characteristics of the genus *Kmeria* stressed on the mode of dehiscence of its mature carpels, which was considered by him to be quite unknown in the rest of the family. But the new genus *Paramanglietia* has the same mode of carpel dehiscence as *Kmeria*. Therefore a new genus is here proposed.

Paramanglietia aromatica, Hu et Cheng, comb. nov.

Manglietia aromatica Dandy in Journ. Bot. 69:231 (Sept. 1931); in Sinensia 4:(1)11 (1933).—Syn. nov.

Kwangsi: Bakoshan, west of Poseh Hsien, alt. about 850 m., R. C. Ching, no. 7421 (type), Sept. 14, 1928 (Cotype in Herb. Inst. Phytotaxom., Academia Sinica).

Yunnan: Sichour Hsien, Faadoo, alt. 1300 m., in dense woods, C. W. Wang no. 85685, tree 15 m. high, 60 cm. in diam., leaves pale beneath, in fruit Dec. 12, 1939; Kwangnan Hsien, Watsang, alt. 1550 m., on rocky hill, C. W. Wang no. 87854, March 14, 1940; Fooning Hsien, Lungmai, alt. 1000 m., in open woods, C. W. Wang no. 88754, flowers white to yellowish-green, Apr. 28, 1940.